GOVERNMENT OF INDIA
HEALTH AND FAMILY WELFARE
LOK SABHA

UNSTARRED QUESTION NO:3097
ANSWERED ON:05.09.2007
SURVEY FOR ASCERTAINING TB CASES
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Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

(a) whether the Government has conducted any survey to ascertain the exact number of people who are affected by Tuberculosis every year;

(b) if so, the details and outcome thereof; and

(c) the number of new cases occurred in the country every year?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF HEALTH & FAMILY WELFARE (SMT. PANABAKA LAKSHMI)

(a)&(b) Yes Sir. A nationwide cross-sectional survey was conducted in different zones of India to assess the prevailing epidemiological situation of TB, by estimating the Annual Risk of TB Infection (ARTI) between January 2000 and 2003. As per the estimate, there are around 75 new smear positive TB cases per lakh population in India totaling to nearly 8 lakh new smear positive cases per year. The detail of the TB survey is given at Annexure-I.

(c) It is estimated that there are around 168 new TB cases per lakh population per year in India totalling to nearly 1.8 million cases per year out of which 0.8 million cases are sputum positive.

Annexure-I

National Annual Risk of TB Infection (ARTI) Survey

The study was conducted by National Tuberculosis Institute (NTI), Bangalore, along with Tuberculosis Research Centre (TRC), Chennai and other institutions in collaboration with Central TB Division, between January 2000 and 2003.

For the purpose of the survey, the country was stratified into four zones, viz north, south, east and west each having approximately equal population. A staggering 1,88,103 children between 1 to 9 years of age were investigated in 26 districts:

The zone-wise selection of districts for the survey is as under:

North Zone : Raebareli, Hardoi, Jaunpur, Gurdaspur, Kangra, Delhi.

South Zone : Dakshina Kannada, Belgaum, Mallappuram, Medak, Kanyakumari, Chingelput.

West Zone : Junagadh, Nagpur, Ratnagiri, Thane, Jhabua, Kota.

East Zone : Samstipur, Purbi Singhbhum, Papum Pare, Cuttak, Kamrup,East Sikkim,Jalpaiguri, Bardhaman.

The survey was designed to estimate the average ARTI in each of the four zones. Zone-wise distribution of the different States/Union Territories and the total estimated New Smear positive cases per lac population based on the zonal ARTI estimates is summarized below:-